Shelf Life

By Team 5: Haley Hartin, Mauro Vargas Jr, Byungjin Kim, Ziad Alwazzan

Purpose

Shelf Life was made to increase the efficiency of inventory tracking for restaurants.

- The main feature of ShelfLife is to help managers keep track of inventory for each ingredient
  - This will be done every time a menu is ordered, the web application will automatically decrement the designated amount
- Another feature of ShelfLife is to help managers see the sales for that day, as well as the sales across any other time frame they wish to view, which will hopefully help managers figure out which menus are popular at a specific time period

Features

Login / Create Account	Inventory	Dashboard
Sales	Order Forms	Taking order

Front End

- HTML
- CSS
- PUG
- Client-side Javascirpt
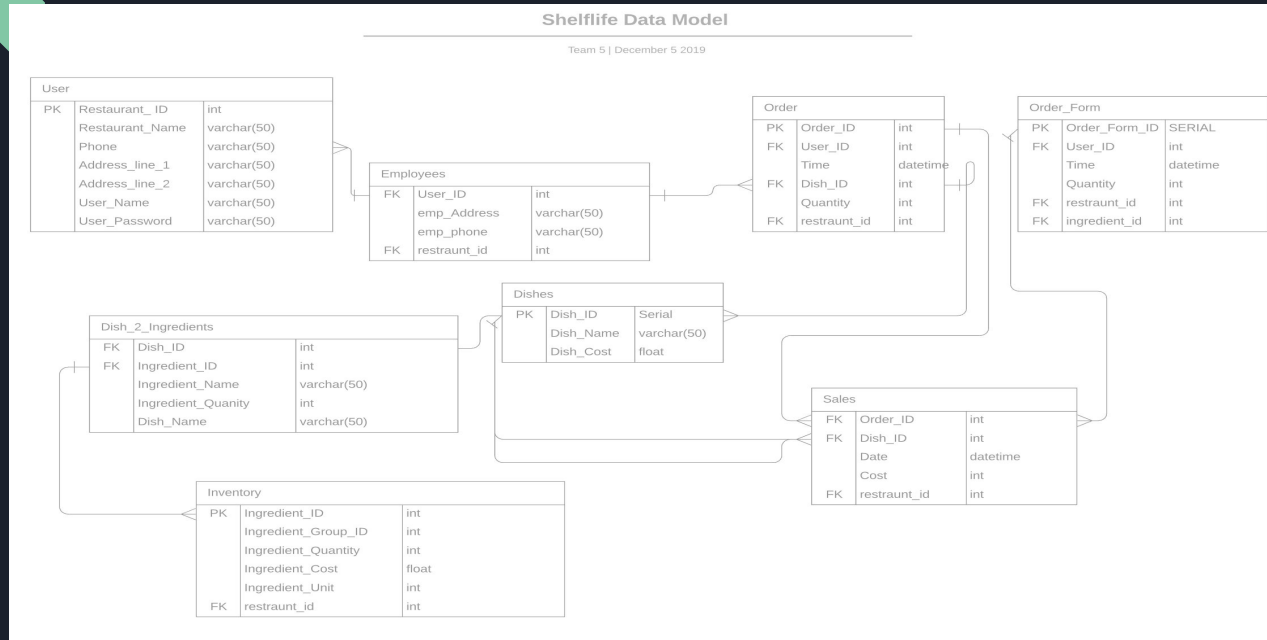- Canvas.js

Back End / Integration

- NodeJS
- PostgresSQL

Tools

- Methodologies:
    - Agile rating: 3
- Project Tracker:
    - TeamWeek rating: 2
- Repository:
    - Github rating: 4
- Database:
    - PostgresSQL rating: 5
- Deployment environment :
    - LocalHost rating: 5
- IDE:
    - Atom rating: 5
- Framework:
    - Node.js rating: 4

Tools

We utilized a tool called LucidChart to organize and plan out our backend databases. LucidChart made it easier for us to see how each database/table was connected, allowing for a smoother flow of action when working on the integration layer.

Challenges

1. Losing a team member halfway through the project.
    a. Testing issues for the front and back end
2. Working with different types of front end files.
    a. Pug vs HTML
        i. Merging code
3. Getting information from the Data to the front end without using PUG